

Dancing Raisins

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Objective



CHEMICAL REACTIONS! Carbon dioxide is released when vinegar is added to a simple mixture of water and baking soda. Tiny bubbles are created and stick to the surface of raisins and pull them toward the top of the cup. When raisins are raised to the top of the liquid mixture of vinegar, water, and baking soda, the bubbles pop. So, the raisins dip down into the liquid. The cycle continues until the carbon dioxide is completely released from the baking soda by the vinegar.



Supplies

- Clear/ transparent cup/glass
- Water
- Raisins
- Spoon
- Baking soda
- White vinegar



Experiment Steps

Ready to see raisins get their groove on?!



#1 – Fill a cup of water

- Clean, clear water added to a clean, clear cup is ideal



#2- Add baking soda

- Mix exactly 2 tablespoons of baking soda into the clear cup of water
- 20 sec stir is ideal- baking soda must be completely dissolved into water



#3- Raisins!

- Add 6-8 raisins into the mixture

*TIP: the more raisins added, the less amount of time the raisins dance



#4- REACTION TIME

- Add white vinegar until the mixture is close to the top of the cup
- Pour slowly and be mindful of the bubbles created; prevent overflow



#5- Dance Party!



- Watch the raisins dance in the mixture
- Dance along to the reaction!

Sources

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